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A method for determining concentration; a dialyser

Abstract

The present invention relates to a method for determining the concentration of an ion, atom or molecule bound in a complex. A reliable determination of the concentration of the ion, atom or molecule to be determined is possible in accordance with the invention in that the complexing of the ion, atom or molecule is prevented at least during the determination of the concentration by the addition or withdrawal of a substance. The present intervention further relates to a dialyser having a haemo-dialyser and/or a haemo-filter and having an extra-corporal blood circulation with which means for the adding of citrate to the blood are connected upstream of the haemo-dialyser and/or of the haemo-filter and means for the adding of a substitution solution containing ions to the blood are connected downstream of the haemo-dialyser and/or of the haemo-filter, and having a dialysate line which has means for the detection of an ion concentration in the dialysate downstream of the haemo-dialyser and/or of the haemo-filter with respect to the direction of flow of the dialysate.